

replicable expression vector operably linked to a suitable promoter;

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Contd

c) transforming a prokaryotic or eukaryotic microbial host cell culture with the vector step b);

d) culturing the host cell; and

e) recovering the immunoglobulin from the host cell culture, said immunoglobulin being capable of binding to a known antigen.--

J --88 The method of claim ⁸⁷~~53~~ wherein the heavy or light chain are the heavy or light chains of anti-CEA antibody.--

J --89 The method of claim ⁸⁷~~53~~ wherein the heavy chain is of the gamma family.--

J --90 The method of claim ⁸⁷~~53~~ wherein the light chain is of the kappa family.--

J --91 The method of claim ⁸⁷~~53~~ wherein the vector contains DNA encoding both a heavy chain and a light chain.--

J --92 The method of claim ⁸⁷~~53~~ wherein the host cell is E. coli or yeast.--

J --93 The method of claim ⁹²~~58~~ wherein the heavy chain, light chain or Fab region is deposited within the cells as insoluble particles.--

J --94 The method of claim ⁹³~~59~~ wherein the heavy or light chains are recovered from the particles by cell lysis followed by solubilization in denaturant.--

J --95 The method of claim ⁸⁷~~53~~ wherein the heavy or light chain